



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Cooperating Agencies:
Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Extensive and often heavy thunderstorms characterized the weather for much of South Carolina last week. Temperatures were again above normal, as they have been for most of the last month. Upstate areas received less rainfall than other areas of the State, and were experiencing some insect problems with army worms, and grasshoppers. Soil moisture improved again, and was 8% very short, 28% short, 61% adequate and 3% surplus. There was a statewide average of 6.4 days that were suitable for fieldwork in South Carolina, the same as the week before.

FIELD CROPS

CORN has just about finished filling out, and has mostly matured at this point. Harvest began on early planted fields with those producers reporting very low yields due to the hot dry conditions. Corn conditions were reportedly 7% very poor, 27% poor, 36% fair, 29% good and 1% excellent. Nearly all the **COTTON** crop has squared. Approximately two-thirds of plants have set bolls. A few cotton growers were still applying controls for larvae and stink bug pests. Cotton conditions were reported at 1% very poor, 7% poor, 29% fair, 55% good, and 8% excellent. Nearly all of **PEANUTS** have pegged. Peanut conditions improved again for the week and were reported as 8% poor, 16% fair, 70% good and 6% excellent. Seventy-two percent of **SOYBEANS** had bloomed with 40% having set pods, remaining well ahead of normal. Soybean conditions were 1% very poor, 15% poor, 35% fair, 46% good, and 3% excellent. The **TOBACCO** crop has been topped for the year, and 60% percent has been harvested, also ahead of average for this time of year.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions were 3% poor, 27% fair, 68% good and 1% excellent. **PASTURE** conditions improved for another week, and were reportedly 4% very poor, 16% poor, 31% fair and 47% good. Some Upstate cattlemen already have their herds on **HAY**. Commercial **TOMATOES** and **SNAPBEANS** have been harvested for this season. Low Country land was already being prepared for fall vegetable planting. **WATERMELON** and **CATALOUP** harvests are winding down for this year. The majority of a bumper **PEACH** crop had been harvested. Upstate fruit has been seeing some stress from dry conditions and hot weather.

Crop Progress for Week Ending August 8, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Harvested	95	91	96	Peanuts, Pegged	97	97	96
Corn, Doughed	99	96	97	Snapbeans, Fresh, Harvested	100	100	100
Corn, Matured	62	57	56	Soybeans, Bloomed	72	67	70
Corn, Harvested	5	4	5	Soybeans, Pods Set	40	35	33
Cotton, Squared	98	98	97	Tobacco, Harvested	60	54	51
Cotton, Bolls Set	65	69	65	Tobacco, Stalks Destroyed	4	0	2
Hay, Other Hay, Harvested	97	99	89	Tomatoes, Fresh, Harvested	100	100	100
Peaches, Harvested	79	86	75	Watermelons, Harvested	97	95	92

Condition for Week Ending August 8, 2010

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Corn	7	27	36	29	1	Pasture	4	18	31	47	0
Cotton	1	7	35	49	8	Peanuts	0	8	16	70	6
Livestock	0	3	28	68	1	Soybeans	1	15	35	46	3

South Carolina Weekly Weather Summary for the Week Ending August 8, 2010

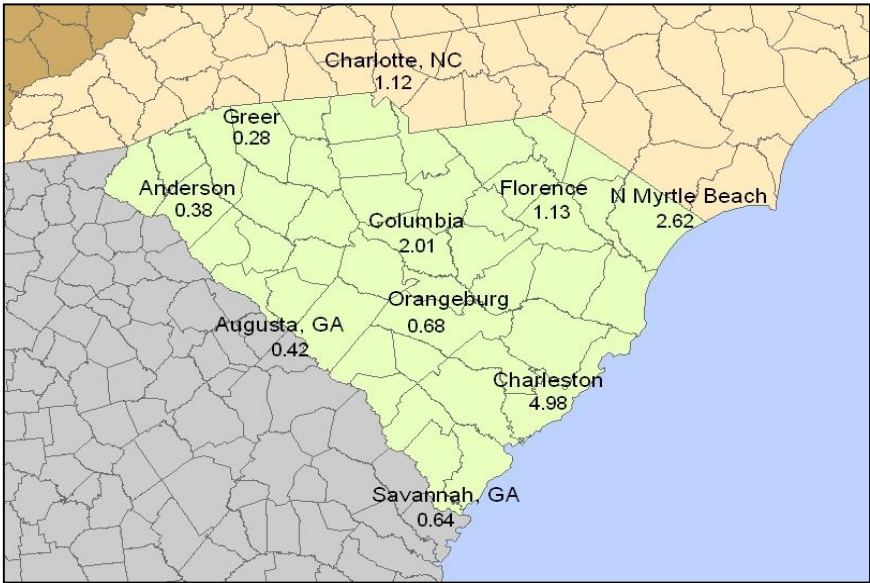
Bennettsville, Loris and Dillon all reported Monday morning low temperatures of 68 degrees. The 80-degree high temperature at Pickens was their lowest high temperature since May 31. During the early morning hours on Tuesday, nearly stationary heavy rains fell over parts of Greenwood, Saluda and Edgefield counties. Rainfall rates reached 1.97 inches in just 45 minutes at Edgefield. Hot weather returned on Wednesday and continued into the weekend. Clarks Hill recorded 97 degrees on Wednesday afternoon. The Anderson Airport also noted 97 degrees on Thursday. Chester measured 2.04 inches of rain from Thursday’s storms, Hemingway 1.72 inches and the Clemson airport 1.36 inches. Strong thunderstorms on Friday, ahead of a fontal boundary, produced a 61 mph wind gust at the Charleston Airport and 4.97 inches of rain between 5:00 p.m. and midnight. A weak, short-path, EF0 tornado affected an area 5 miles northeast of Branchville. Johnston, Bamberg and Barnwell all recorded Friday high temperatures of 98 degrees. On Saturday, the thermometers at Pelion, Lake Wateree and Batesburg indicated a high temperature of 95 degrees. A wind direction change and increased mixing of the air lowered temperatures a few degrees on Sunday. The state average temperature for the seven-day period was three degrees above normal.

The highest official temperature reported was 99 degrees at McCormick on August 5. The lowest official temperature reported was 62 degrees at Long Creek on August 2. The heaviest official 24-hour rainfall reported was 6.52 inches at Edgefield USGS ending at 7:00 a.m. on August 4. The state average rainfall for the period was 1.1 inches.

SOIL: 4-inch depth soil temperature: Columbia 84 degrees, Charleston 85 degrees.
RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at the Johnny Mercer Pier, Wrightsville Beach, NC were reported at 85 degrees.

Precipitation			
Location	Total for Week	Total for 2010	Deviation from Average
Greer	0.28	28.50	-3.3
Anderson	0.38	28.29	-0.7
Columbia	2.01	25.32	-5.9
Orangeburg	0.68	27.40	-3.8
Charlotte, NC	1.12	24.57	-2.2
Augusta, GA	0.42	21.99	-6.6
Florence	1.13	30.30	2.1
N Myrtle Beach	2.62	24.87	-1.4
Charleston	4.98	40.86	9.5
Savannah, GA	0.64	26.14	-4.7

Weekly rainfall totals this period ending midnight Sunday.



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